ABSTRACT

A method of efficiently extracting a high-purity stereoisomer from a mixture comprising the endo isomer and the exo isomer of a dicarboxylic acid having a norbornene or norbornane structure, or a derivative thereof. The present invention relates to a method of separating the endo isomer and the exo isomer of a dicarboxylic acid represented by a general formula (1) or (2) or a derivative thereof, and includes the step of stirring and mixing a mixture comprising mainly the endo isomer of the dicarboxylic acid represented by the general formula (1) or (2) or a derivative thereof, and the exo isomer of the dicarboxylic acid represented by the general formula (1) or (2) or a derivative thereof, with a basic compound and a solvent.

[Formula 1]

$$R_{6}$$
 R_{7}
 R_{8}
 R_{8}
 R_{9}
 R_{1}
 R_{2}
 R_{2}
 R_{3}
 R_{4}
 R_{5}
 R_{4}
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 R_{8}
 R_{7}
 R_{8}
 R_{9}
 R_{1}
 R_{2}
 R_{3}
 R_{4}
 R_{5}
 R_{4}
 R_{5}
 R_{5

(wherein, R₁ to R₈ represent a hydrogen atom, methyl group, ethyl group, or butyl group),

[Formula 2]

$$R'_{7}$$
 R'_{8} R'_{10} R'_{10} R'_{6} R'_{5} R'_{4} Q Q Q

(wherein, R'₁ to R'₁₀ represent a hydrogen atom, methyl group, ethyl group, or butyl group)